

AMENDMENTS TO THE CLAIMS

Claims 41-49 were pending. Claims 44-46 and 48 were amended. No claims are added. Claims 41-43, 47, and 49 were canceled without prejudice. Accordingly, claims 44-46 and 48 remain pending.

The following listing of claims replaces all prior versions, and listings of claims in the application.

Listing of Claims:

41-43. (Canceled).

1 44. (Presently amended) ~~An application development system according to~~
2 ~~claim 43, An application development system comprising:~~

3 a computer system to execute an application within an application
4 development tool;

5 a smart card coupled to the computer system, the smart card incorporating a
6 smart card development interface to receive and identify debug frames interlaced
7 with application frames within a normal communication flow between the
8 application executing on the computer system and the smart card, the smart card
9 development interface being configured to:

10 (a) promote the application frames to an application layer of the
11 smart card; and

12 (b) invoke debug features of the smart card in response to debug
13 instructions embedded within the received debug frames; and

14 a client development interface, to interlace debug frames generated by the
15 application development tool with application frames generated by the application
16 executing within the application development tool, the application development
17 tool being configured to generate debug frames in response to user interaction with
18 the application development tool; and

19 wherein the application development tool populates a source and/or
20 destination field of the debug frame with an invalid source and/or destination
21 address.

1 45. (Presently amended) An application development system according to
2 claim 44 43, wherein the debug frames invoke and control one or more smart card
3 resources facilitating debugging of the application executing within the application
4 development tool of the computer system.

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6 46. (Presently amended) An application development system according to
7 claim 44 42, wherein the client development interface includes a debug filter to
8 identify and route debug frames received from the smart card.

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10 47. (Canceled).
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1 48. (Presently amended) ~~An application development system according to~~
2 ~~claim 47, An application development system comprising:~~

3 a computer system to execute an application within an application
4 development tool;

5 a smart card coupled to the computer system, the smart card incorporating a smart
6 card development interface to receive and identify debug frames interlaced with
7 application frames within a normal communication flow between the application
8 executing on the computer system and the smart card, the smart card development
9 interface being configured to:

10 (a) promote the application frames to an application layer of the
11 smart card; and

12 (b) invoke debug features of the smart card in response to debug
13 instructions embedded within the received debug frames; and

14 wherein the smart card development interface comprising a debug filter to
15 identify debug frames within the received normal communication flow, wherein
16 the debug filter being configured to identify identifies debug frames by an invalid
17 source and/or destination address embedded within a source and/or destination
18 field of the debug frame.

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20 49. (Canceled).
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